

REMARKS/ARGUMENTS

Claim Rejections 35 U.S.C. § 103

Claims 1, 3, 26, 28, were rejected under 35 U.S.C. 103(a) as being unpatentable over Wheatley, III, et al. (US PAT: 5,107,225, hereinafter Wheatley) in view of Lane (US PAT: 6,868,128, filed 7-5-2000).

In response to the Advisory Action, Applicant amends Claims 1 and 26. The Examiner appeared to be saying that Lane reads on the Claims even though the gain is adjusted in the AGC in Lane. So Claim 1, as amended, recites "wherein a gain adjustment is conducted in the channel filter circuit itself", which should overcome Lane and Wheatley which do not have gain adjustment in the filter itself. Claim 26 is similarly amended to recite "wherein gain settings are in the filter circuit itself". The amendment is supported by Fig. 1 and 2, line 9 of the Detailed Description, Claim 11 etc. No new matter is introduced. In contrast, Lane adjusts the gain afterwards, in the AGCs 24 and 26, as shown in Fig. 1 and 2 and as stated in Col 5 L 41 – 45, which state "the signal-processing paths, further process the baseband signals by filtering the I and Q signals (via the baseband channel filters 20, 22), linearly amplifying the filtered signals (via the AGC's 24, 26). Claims 1 and 26, as amended, are believed not to read on Lane or Wheatly and should be allowable. Their dependent claims should also be allowable for the same foregoing reasons and other reasons cited in the previous amendment.

Allowable Subject Matter

Claims 8 – 24 were allowed. Applicant thanks the Examiner.

Respectful request is made for a continued examination (RCE), entering the amendments as presented above, and issuing a Notice of Allowance.

Respectfully submitted,



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